

## Claims

- [c1] 1.A display apparatus comprising:  
a display screen; and  
a display controller for being able to change the refresh rate of said display screen according to the brightness of said display screen.
- [c2] 2.The display apparatus according to Claim 1, wherein said display controller can change the refresh rate to a plurality of levels.
- [c3] 3.The display apparatus according to Claim 1, wherein said display controller changes the refresh rate when a predetermined condition is met.
- [c4] 4.A display apparatus comprising:  
a display screen; and  
a controller for changing the refresh rate of said display screen when the type of power source driving the display screen is changed.
- [c5] 5.A display apparatus comprising:  
a display panel; and  
a light source for illuminating said display panel from behind; wherein, the luminance of said light source and the refresh rate of said display panel are changed in combination with each other.
- [c6] 6.The display apparatus according to Claim 5, wherein the refresh rate of said display panel decreases as the luminance of said light source decreases.
- [c7] 7.The display apparatus according to Claim 5, wherein the luminance of said light source is set to a plurality of levels and the refresh rate of said display panel is set correspondingly to each level of the luminance of said light source.
- [c8] 8.The display apparatus according to Claim 5, wherein the luminance of said light source can be changed by a user operation.
- [c9] 9.A computer apparatus comprising a display panel, wherein a refresh rate of said display panel is changed according to whether a power source powering said computer is from a first power source or a second power source.

- [c10] 10.The computer apparatus according to Claim 9 comprising a power source detector for detecting the attachment/detachment of an alternating current power source adapter to/from said computer apparatus wherein said alternating current power source is said second power source.
- [c11] 11.The computer apparatus according to Claim 9, wherein the brightness of said display panel is changed together with the refresh rate according to the type of said power source being used.
- [c12] 12.The computer apparatus according to Claim 11, wherein said brightness and said refresh rate can be changed to a plurality of levels when said first power source is a battery.
- [c13] 13.The computer apparatus according to Claim 9, wherein the refresh rate is lower while using said first power source than while using said second power source.
- [c14] 14.A storage medium storing a program to be executed by a computer driving a display screen, wherein said program can be read by said computer apparatus and said program causing said computer apparatus to perform the steps of:  
detecting a change in the brightness of said display screen; and  
changing the refresh rate of said display screen according to the change in the brightness of said display screen.
- [c15] 15.A storage medium storing a program to be executed by a computer with a display screen, wherein said program can be read by said computer apparatus and said program causing said computer apparatus to perform the steps of:  
detecting the attachment/detachment of an alternating current power source adapter to/from said computer apparatus;  
increasing the refresh rate of said display panel when said alternating current power source adapter changes from a detached state to an attached state; and  
decreasing the refresh rate of said display panel when said alternating current power source adapter changes from an attached state to a detached state.